



Structural Analysis with ETABS & SAP2000: Advanced Level

Civil, Structural & Construction

QGT-CIV-131 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Structural Analysis with ETABS & SAP2000: Advanced Level is an advanced programme for experienced practitioners in Structural Analysis with ETABS & SAP2000. It covers the principles, the requirements of ACI, AISC, Eurocodes, IBC and local building codes, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Structural Analysis with ETABS & SAP2000
- Apply the relevant requirements of ACI, AISC, Eurocodes, IBC and local building codes
- Apply advanced analysis methods to real operating data
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for civil and structural engineers, site engineers, consultants and inspectors with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ACI, AISC, Eurocodes, IBC and local building codes

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
8–19 Mar 2027	Tbilisi	Classroom	10 days	\$9,900
19–23 Apr 2027	Nairobi	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Istanbul	Classroom	10 days	\$9,900
15–19 Nov 2027	Manchester	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
20–31 Mar 2028	Dublin	Classroom	10 days	\$9,900
10–14 Apr 2028	Stockholm	Classroom	5 days	\$5,500
17–28 Jul 2028	Beirut	Classroom	10 days	\$9,900
28 Aug – 1 Sep 2028	Prague	Classroom	5 days	\$5,500
20 Nov – 1 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
5–16 Mar 2029	Manchester	Classroom	10 days	\$9,900
19–23 Mar 2029	Amsterdam	Classroom	5 days	\$5,500
8–19 Apr 2029	Doha	Classroom	10 days	\$9,900
11–15 Jun 2029	Vienna	Classroom	5 days	\$5,500
13–24 Aug 2029	Online (live)	Online (live)	10 days	\$5,500
25 Mar – 5 Apr 2030	Nairobi	Classroom	10 days	\$9,900
14–18 Jul 2030	Algiers	Classroom	5 days	\$5,500
1–12 Sep 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
15–19 Sep 2030	Amman	Classroom	5 days	\$5,500
4–15 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/structural-analysis-with-etabs-and-sap2000-advanced-level>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

